Title (en)
Personalized transaction assistance with sensor networks

Title (de)
Personalisierte Transaktionsunterstützung mit Sensornetzen

Title (fr)
Aide à la transaction personnalisée avec réseaux de capteurs

Publication
EP 1780647 A1 20070502 (EN)

Application
EP 06021450 A 20061012

Priority
US 25915505 A 20051027

Abstract (en)
In order to provide personalized transaction assistance using sensor networks, a user interacts with the sensor networks within, for example, a retail environment, using a wireless mobile device. The user is provided with timely, convenient, and personalized information related to products for sale within the retail environment. More specifically, for example, a message exchange between the sensor network and the mobile device is automatically initiated, such that the user is provided with information regarding, for example, an availability, description, price, and/or location of products in which the user has previously expressed a purchase interest. In this way, a probability of a sale is increased for the retail environment, as well as a likelihood that the user will be happy with the purchase experience, and these benefits are provided with a minimal amount of effort required of the user.

IPC 8 full level
G06F 17/30 (2006.01); **G06Q 30/00** (2006.01); **H04L 29/06** (2006.01)

CPC (source: EP US)
G06F 16/9537 (2018.12 - EP US); **G06Q 10/087** (2013.01 - EP US); **G06Q 30/02** (2013.01 - EP US); **H04L 67/12** (2013.01 - EP US); **H04L 67/306** (2013.01 - EP US); **H04L 67/52** (2022.05 - EP US); **H04W 4/02** (2013.01 - EP); **H04W 4/029** (2018.01 - US)

Citation (applicant)
DE 10049920 A1 20020502 - LYRIX MEDIA GMBH [DE]

Citation (search report)
- [X] US 5544321 A 19960806 - THEIMER MARVIN M [US], et al
- [X] DE 10049920 A1 20020502 - LYRIX MEDIA GMBH [DE]
- [X] US 2005177463 A1 20050811 - CRUTCHFIELD WILLIAM G JR [US], et al
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- [X] FR 2813470 A1 20020301 - RENARD XAVIER [FR]
- [X] US 6091956 A 20000718 - HOLLENBERG DENNIS D [US]
- [X] CHAVEZ E ET AL: "SAMoA: An experimental platform for Situation-Aware Mobile Assistance", INTERNET CITATION, 1998, XP002167637, Retrieved from the Internet <URL:http://www.rostock.igd.fhg.de/~imc98/proceedings.html> [retrieved on 20010517]
- [X] CHAVEZ E ET AL: "Interactive applications of personal situation-aware assistants", COMPUTERS AND GRAPHICS, PERGAMON PRESS LTD. OXFORD, GB, vol. 23, no. 6, December 1999 (1999-12-01), pages 903 - 915, XP004187839, ISSN: 0097-8493

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1780647 A1 20070502; **EP 1780647 B1 20091230**; AT E453897 T1 20100115; CN 1972228 A 20070530; CN 1972228 B 20110504; DE 602006011407 D1 20100211; JP 2007122728 A 20070517; US 2007095903 A1 20070503; US 7427023 B2 20080923

DOCDB simple family (application)
EP 06021450 A 20061012; AT 06021450 T 20061012; CN 200610142406 A 20061024; DE 602006011407 T 20061012; JP 2006289911 A 20061025; US 25915505 A 20051027